

REMARKS

The Application has been carefully reviewed in light of the Office Action dated January 26, 2005. Claims 1 to 19 and 24 to 38 are in the application, of which Claims 1, 11, 24 and 33 to 38 are independent. Claims 1, 24, 36 and 38 are being amended. Reconsideration and further examination are respectfully requested.

The Office Action rejects Claims 1 to 19 and 24 to 38 under 35 U.S.C. § 112, first paragraph. Without conceding the correctness of the rejection, Claims 1, 24, 36 and 38 are amended herein. In this regard, it is submitted that the application as originally filed provides sufficient support for the claim language as recited herein, and in the November 3, 2004 Preliminary Amendment, to allow a skilled artisan to make and use the invention.

More particularly, reference is respectfully made to Figures 3A to 3D, 4A and 4B. Reference is further made to the description commencing at page 14, line 6 of the present application. It is understood, of course, that the scope of the claims is not limited to the discussion of the present invention provided below. In this regard, Applicants refer the Examiner to the specification, figures and claims, as a whole and as originally filed.

With reference to Figure 4A, a flowchart is provided which illustrates receipt and transfer of data packets. Referring to Figure 3A to 3D, a received 1394 packet is a modified packet, which includes a data field and ID header. As is described at page 15, lines 21 to 24 of the present application, an ID header contains link layer routing information which informs the receiving side as to which link layer should receive the data packet. Reverting to Figure 4A and the description of step S403 commencing at page 17, line 1, the ID header including the routing information is used to direct the data packet to the intended recipient, and is attached to the packet based on information including the

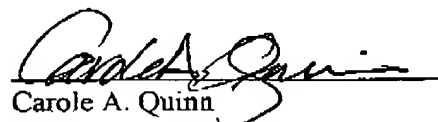
identity of the transmitting device. On the receiving side, with reference to Figure 4B and its description commencing at page 18, line 1 of the present application, a packet containing the ID header is processed such that the ID header, which was attached to the packet and is based on the identity of the transmitting device, is removed and used to route the packet based information in the ID header to the appropriate 1394 link layer, as shown in steps S411, S413 and S414.

Accordingly, for at least the foregoing reasons, the specification as originally filed is believed to provide sufficient support under 35 U.S.C. § 112, first paragraph. Reconsideration and withdrawal of the 35 U.S.C. § 112, first paragraph rejection of Claims 1 to 19 and 24 to 38 are therefore respectfully requested.

No other matters being raised by the application, the entire application is believed to be in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should be directed to our address given below.

Respectfully submitted,


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